BACKEND ASSIGNMENT

1) Setup a local mongo database connection
   a) - Create a collection with name Student
2) Create a repository with the name Backend in your github.
3) Clone this Backend repository in your local and setup a basic node js project in it and connect it to your local mongo database.
4) Create 4 routes namely
   - POST - /create
   - POST - /update
   - GET - /get?_id=6433690345
   - DELETE - /delete
5) Write an api to create a document in collection Student of database and return the document in the following format.

POST - /create
   Request -
   {
      "name" : "Test",
      "email" : "test@gmail.com",
      "phoneNumber" : 8359762809,
      "Age" : 21,
      "isStudent" : true,
      "highestQualification" : "B-tech",
      "interests" : ["ML" , "WebDevelopment" ,
               "DataScience"]
   }
   Response -
   {
      "message" : "success",
      "data" : {
         "name" : "Test",
         "email" : "test@gmail.com",
         "phoneNumber" : 8359762809,
         "Age" : 21,
         "isStudent" : true,
         "highestQualification" : "B-tech" ,
         "interests" : ["ML" , "WebDevelopment" ,
               "DataScience"]
      }
   }
   Note - phoneNumber, age should be stored as Number,
         isStudent should be stored as a boolean value and
         interests should be stored as an array of strings and
         the rest are just strings.

6) Write an api to update a document in the collection Student of database and return the document in the following format.

(You need to update the document with the given fields. If the field already exists for example "phoneNumber" already exists in the document ,so replace it with new value in the request. If the field doesn't exist for example "address" and "branch",then add it in the document)

POST - /update

Request -
```
{
    "_id" : "6433690345",
    "phoneNumber" : 7844432809,
    "address" : "1-5-6/B8/F5, ABC Colony, Hyderabad",
    "branch" : "CSE"
}
```

Response -
```
{
    "message" : "success",
        "data" : {
            "name" : "Test",
            "email" : "test@gmail.com",
            "phoneNumber" : 7844432809,
            "Age" : 21,
            "isStudent" : true,
            "highestQualification" : "B-tech" ,
            "interests" : ["ML" , "WebDevelopment" ,
                    "DataScience"],
            "address" : "1-5-6/B8/F5, ABC Colony,
                        Hyderabad",
            "branch" : "CSE"
    }
```

7) Write an api to retrieve a document.

(You need to query the collection with the given _id and return the document with the given _id)

GET - /get?_id=6433690345

Response -
```
{
    "message" : "success",
    "data" : {
        "name" : "Test",
        "email" : "test@gmail.com",
        "phoneNumber" : 8359762809,
        "Age" : 21,
        "isStudent" : true,
```

```
            "highestQualification" : "B-tech" ,
            "Interests" : ["ML" , "WebDevelopment" ,
                        "DataScience"]
        }
  }
```
8) Write an api to delete a document

DELETE - /delete

Request -
```
{
    "_id" : "6294723840"
}
```
Response ;
```
{
   "message" : "success",
   "data" : "Document deleted successfully"
}
```
9) Now commit and push all your changes to the remote branch in github.